U.S. Application No. 10/604,926

Filing Date First Inventor August 27, 2003

Itzhak Bentwich

Art Unit

Examiner **Docket Number** DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

U.S. Patent Documents				
Examiner Initials Cite No# Publication Number Publication Date Name of Patente				Name of Patentee
93	А3	US-20020086356	07/04/02	Tuschl, Thomas et al.
Foreign Patent	Docume	nts		·
Examiner Initials	Cite No#	Publication Number	Publication Date	Name of Patentee
*2	B2	WO 02/44321	06/06/02	TUSCHL, Thomas et al.
10	B4	WO 01/68836	09/20/01	BEACH, David
₩ .	B5	WO 02/094185	11/28/02	BEIGELMAN, Leonid et al.

Filing Date .

10/604,926 August 27, 2003

First Inventor

Itzhak Bentwich

Art Unit

Examiner Docket Number DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

		information disclosure Statement
		NON PATENT LITERATURE DOCUMENTS
Examiner		
Initials	Cite No#	Authors, Title, Journal, Date, Year, Pages, Volume
Q 3	20	LEE, R. C., R. L. FEINBAUM and V. AMBROS. The C. elegans heterochronic gene lin-4 encodes small RNAs with antisense complementarity to lin-14 Cell Dec 3 1993 843-854 75
00	30	WIGHTMAN, B., I. HA and G. RUVKUN. Posttranscriptional regulation of the heterochronic gene lin-14 by lin-4 mediates temporal pattern formation in C. elegans Cell Dec 3 1993 855-862 75
	40	GALLINARO, H., L. DOMENJOUD and M. JACOB. Structural study of the 5' end of a synthetic premessenger RNA from adenovirus. Evidence for a long-range exon-intron interaction. J Mol Biol. Jul. 15 1994 205-225 240
	50	LU, C. and R. BABLANIAN. Characterization of small nontranslated polyadenylylated RNAs in vaccinia virus-infected cells Proc Natl Acad Sci U S A Mar 5 1996 2037-2042 93
	60	CRAWFORD, E. D., E. P. DEANTONI, R. ETZIONI, V. C. SCHAEFER, R. M. OLSON and C. A. ROSS. Serum prostate-specific antigen and digital rectal examination for early detection of prostate cancer in a national community-based program. The Prostate Cancer Education Council Urology Jun 1996 863-869 47
	70	Engdahl HM, Hjalt TA, Wagner EG. A two unit antisense RNA cassette test system for silencing of target genes. Nucleic Acids Res. Aug 15 1997 3218-27 25
	90	DSOUZA, M., N. LARSEN and R. OVERBEEK. Searching for patterns in genomic data. Trends Genet Dec. 1997, 497-498, 13
	100	MOSS, E. G., R. C. LEE and V. AMBROS. The cold shock domain protein LIN-28 controls developmental timing in C. elegans and is regulated by the lin-4 RNA Cell 1997 637 88
	110	FIRE, A., S. XU, M. K. MONTGOMERY, S. A. KOSTAS, S. E. DRIVER and C. C. MELLO. Potent and specific genetic interference by double-stranded RNA in Caenorhabditis elegans. Nature Feb 19 1998 806-811 391
	120	WATERHOUSE, P. M., M. W. GRAHAM and M. B. WANG. Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antisense RNA Proc Natl Acad Sci U S A Nov 10 1998 13959-13964 95
	130	NGO, H., C. TSCHUDI, K. GULL and E. ULLU. Double-stranded RNA induces mRNA degradation in Trypanosoma brucei Proc Natl Acad Sci U S A Dec 8 1998 14687-14692 95
	140	VERMA, S. and F. ECKSTEIN. Modified oligonucleotides: synthesis and strategy for users Annu Rev Biochem ***No date in Pubmed*** 1998 99-134 67
	150	WUCHTY, S., W. FONTANA, I. L. HOFACKER and P. SCHUSTER. Complete suboptimal folding of RNA and the stability of secondary structures Biopolymers Feb 1999 145-165 49
	160	MATHEWS, D. H., J. SABINA, M. ZUKER and D. H. TURNER. Expanded sequence dependence of thermodynamic parameters improves prediction of RNA secondary structure J Mol Biol May 21 1999 911-940 288
	170	CHANG, P. L. Encapsulation for somatic gene therapy Ann N Y Acad Sci Jun 18 1999 146-158 875
	180	ZHANG, M. Q. Large-scale gene expression data analysis: a new challenge to computational biologists Genome Res Aug 1999 681-688 9
	190	GRISARU, D., M. STERNFELD, A. ELDOR, D. GLICK and H. SOREQ. Structural roles of acetylcholinesterase variants in biology and pathology Eur J Biochem Sep 1999 672-686 264
	200	FIRE, A. RNA-triggered gene silencing Trends Genet Sep 1999 358-363 15
\downarrow	210	TABARA, H., M. SARKISSIAN, W. G. KELLY, J. FLEENOR, A. GRISHOK, L. TIMMONS, A. FIRE and C. C. MELLO. The rde-1 gene, RNA interference, and transposon silencing in C. elegans Cell Oct 15 1999 123-132 99

Date Considered: 10 -25-06

Filing Date

10/604,926

First Inventor

August 27, 2003 Itzhak Bentwich

Art Unit

163

Examiner Docket Number DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

		Information Disclosure Statement
		NON PATENT LITERATURE DOCUMENTS
Examiner		
Initials	Cite No#	Authors, Title, Journal, Date, Year, Pages, Volume
	220	RYO, A., Y. SUZUKI, K. ICHIYAMA, T. WAKATSUKI, N. KONDOH, A. HADA, M. YAMAMOTO and N.
42		YAMAMOTO. Serial analysis of gene expression in HIV-1-infected T cell lines FEBS Lett Nov 26
ΦX		1999 182-186 462
0	230	OLSEN, P. H. and V. AMBROS. The lin-4 regulatory RNA controls developmental timing in
1		Caenorhabditis elegans by blocking LIN-14 protein synthesis after the initiation of translation Dev Biol
		Dec 15 1999 671-680 216
1	240	TUSCHL, T., P. D. ZAMORE, R. LEHMANN, D. P. BARTEL and P. A. SHARP. Targeted mRNA
		degradation by double-stranded RNA in vitro Genes Dev Dec 15 1999 3191-3197 13
ļ	260	REINHART, B. J., F. J. SLACK, M. BASSON, A. E. PASQUINELLI, J. C. BETTINGER, A. E. ROUGVIE,
		H. R. HORVITZ and G. RUVKUN. The 21-nucleotide let-7 RNA regulates developmental timing in
		Caenorhabditis elegans Nature Feb 24 2000 901-906 403
	270	PITT, J. N., J. A. SCHISA and J. R. PRIESS. P granules in the germ cells of Caenorhabditis elegans
1		adults are associated with clusters of nuclear pores and contain RNA Dev Biol Mar 15 2000 315-333
		219
1	280	HAMMOND, S. M., E. BERNSTEIN, D. BEACH and G. J. HANNON. An RNA-directed nuclease
		mediates post-transcriptional gene silencing in Drosophila cells Nature Mar 16 2000 293-296 404
 		Total St. H. Brook 7 Life V MADDOO H. B. HODVITT. HO. BUNKUN, TIL K. A. BDOO
	300	SLACK, F. J., M. BASSON, Z. LIU, V. AMBROS, H. R. HORVITZ and G. RUVKUN. The lin-41 RBCC
1		gene acts in the C. elegans heterochronic pathway between the let-7 regulatory RNA and the LIN-29
	212	transcription factor Mol Cell Apr 2000 659-669 5
ł	310	FORTIER, E. and J. M. BELOTE. Temperature-dependent gene silencing by an expressed inverted
		repeat in Drosophila Genesis Apr 2000 240-244 26
	320	MOURRAIN, P., C. BECLIN, T. ELMAYAN, F. FEUERBACH, C. GODON, J. B. MOREL, D. JOUETTE,
İ		A. M. LACOMBE, S. NIKIC, N. PICAULT, K. REMOUE, M. SANIAL, T. A. VO and H. VAUCHERET.
1		Arabidopsis SGS2 and SGS3 genes are required for posttranscriptional gene silencing and natural virus
	330	resistance Cell May 26 2000 533-542 101
.	330	SIJEN, T. and J. M. KOOTER. Post-transcriptional gene-silencing: RNAs on the attack or on the
	340	defense? Bioessays Jun 2000 520-531 22 BRENNER, S., M. JOHNSON, J. BRIDGHAM, G. GOLDA, D. H. LLOYD, D. JOHNSON, S. LUO, S.
- 1	340	MCCURDY, M. FOY, M. EWAN, R. ROTH, D. GEORGE, S. ELETR, G. ALBRECHT, E. VERMAAS, S.
1		R. WILLIAMS, K. MOON, T. BURCHAM, M. PALLAS, R. B. DUBRIDGE, J. KIRCHNER, K. FEARON, J.
ł		MAO and K. CORCORAN. Gene expression analysis by massively parallel signature sequencing
		(MPSS) on microbead arrays Nat Biotechnol Jun 2000 630-634 18
		(Will 60) of find obed analys that biotechnol built 2000 000-004 10
	350	RYO, A., Y. SUZUKI, M. ARAI, N. KONDOH, T. WAKATSUKI, A. HADA, M. SHUDA, K. TANAKA, C.
- 1		SATO, M. YAMAMOTO and N. YAMAMOTO. Identification and characterization of differentially
.		expressed mRNAs in HIV type 1-infected human T cells AIDS Res Hum Retroviruses Jul 1 2000 995
.		1005 16
	360	NILSSON, M., G. BARBANY, D. O. ANTSON, K. GERTOW and U. LANDEGREN. Enhanced detection
İ		and distinction of RNA by enzymatic probe ligation Nat Biotechnol Jul 2000 791-793 18
		,
1	370	KENT, W. J. and A. M. ZAHLER. Conservation, regulation, synteny, and introns in a large-scale C.
	•	briggsae-C. elegans genomic alignment Genome Res Aug 2000 1115-1125 10
	380	KENNERDELL, J. R. and R. W. CARTHEW. Heritable gene silencing in Drosophila using double-
		stranded RNA Nat Biotechnol Aug 2000 896-898 18
	390	SMITH, N. A., S. P. SINGH, M. B. WANG, P. A. STOUTJESDIJK, A. G. GREEN and P. M.
Ψ		WATERHOUSE. Total silencing by intron-spliced hairpin RNAs Nature Sep 21 2000 319-320 407
•		
	·	

Examiner Signature:

Date Considered: 10 15 06

Filing Date

10/604,926

First Inventor

Docket Number

August 27, 2003 Itzhak Bentwich

Art Unit Examiner

DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

Examiner Initials Authors, Title, Journal, Date, Year, Pages, Volume VOINNET, O., C. LEDERER and D. C. BAULCOMBE. A viral movement protein prevents spread of the gene silencing signal in Nicotiana benthamiana. Cell. Sep 29. 2000. 157-167. 103 420 Meter MF, Aufsatz W, van der Winden J, Matzke MA, Matzke AJ, Transcriptional silencing and promot methylation. triggered by double-stranded RNA. EMBOJ. Oct 2. 2000. 5194-201. 19 430 YANG, D., H. LU and J. W. ERICKSON. Evidence that processed small dsRNAs may mediate sequerce-specific mRNA degradation during RNAI in Drosophila embryos. Curr Biol Oct 5. 2000. 11. 1200. 10 440 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, JR., C. MAU, A. MALLORY, G. PRUSS, I. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants. Science Oct 6. 2000. 142-144. 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RNA related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RNA interference in animals Proc Natl Acad Sci U. S. A. Oct 10. 2000. 11650-11654. 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. O. MARTINDALE, M. I. KURODA, B. MALLER D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUYKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature. Nov. 2. 2000. 86-84. 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway. Proc. Natl Acad Sci U. S. A. Nov. 21. 2000. 13401-13406. 9 480 CGGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms. Curr Opin Genet Dav. Dec. 2000. 638-643. 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs. Genes Dev. Jan. 15. 2001. 188-200. 15 510 EERNSTEIN, E. A. A., J			Thomas and the statement
Initials Cite Not Authors, Title, Journal, Date, Year, Pages, Volume VOINNET, O., C. LEDERER and D. C. BAULCOMBE. A viral movement protein prevents spread of the gene silencing signal in Nicotiana benthamiana. Cell. Sep 29 2000 157-167 103 Mette MF, Aufsatz W, van der Winden J, Matzke MA, Matzke AJ. Transcriptional silencing and promot methylation triggered by double-stranded RNA, EMBOJ. Oct 2 2000 5194-201 19 430 YANG, D., H. LU and J. W., ERICKSON. Evidence that processed small dsRNAs may mediate sequence-specific mRNA degradation during RNAi in Drosophila embryos Curr Biol Oct 5 2000 11 1200 10 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M., HERR, JR., C., MAU, A. MALLORY, G., PRUSS, I. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants Science Oct 6 2000 142-144 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J., REINHART, F. SLACK, M. O. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RIUYKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2000 66-85 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dav Dec 2000 638-643 10 ELASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated			NON PATENT LITERATURE DOCUMENTS
410 VOINNET, O., C. LEDERER and D. C. BÄULCOMBE. A viral movement protein prevents spread of the gene silencing signal in Nicotiana benthamiana. Cell Sep 29 2000 157-167 109 VANC, D. H. LU and J. W. ERICKSON. Evidence that processed small darking and promote methylation triggered by double-stranded RNA. EMBO J. Oct. 2 2000 5194-201 19 430 YANC, D. H. LU and J. W. ERICKSON. Evidence that processed small darking any mediate sequence-specific mRNA degradation during RNAi in Drosophila embryos. Curr Biol Oct. 5 2000 11 1200 10 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, JR., C. MAU, A. MALLORY, G. PRUSS, L. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants Science. Oct. 6 2000 142-144 290 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals. Proc. Natl. Acad. Sci. U. S. A. Oct. 10 2000 11650-11654 97 A60 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMANN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVIN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA. Nature. Nov. 2 2000 86-86 408 A60 A60 A60 A60 A60 A60 A60 A60 A60 A60		 	
gene silencing signal in Nicotiana benthamiana Cell Sep 29 2000 157-167 103 Mette MF, Aufsatz W, van der Winden J, Matzke MA, Matzke AJ. Transcriptional silencing and promot methylation triggered by double-stranded RNA. EMBO J. Cet 2 2000 5194-201 19 YANG, D, H. LU and J. W. ERICKSON. Evidence that processed small dsRNAs may mediate sequence-specific mRNA degradation during RNAi in Drosophila embryos Curr Biol Cet 5 2000 11 1200 10 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, JR., C. MAU, A. MALLORY, G. PRUSS, L. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants Science Oct 6 2000 142-144 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 88-84 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 duo publication step of RNA interference Nature Jan 18 2001 365-366 duo publica	Initials		
Mette MF, Aufsatz W, van der Winden J, Matzke MA, Matzke AJ. Transcriptional sitencing and promot methylation triggered by double-stranded RNA, EMBO J. Oct 2 2000 5194-201 19 430 YANG, D., H. LU and J. W. ERICKSON. Evidence that processed small dsRNAs may mediate sequence-specific mRNA degradation during RNAi in Drosophila embryos. Curr Biol Oct 5 2000 11 1200 10 440 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, JR., C. MAU, A. MALLORY, G. PRUSS, I. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants. Science Oct 6 2000 142-144 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals. Proc Natl Acad Sci U.S. A. Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature. Nov. 2 2000 86-85 409 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway. Proc Natl Acad Sci U.S. A. Nov. 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms. Curr Opin Genet Dev Dec. 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs. Genes Dev Jan. 15. 2001 186-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference. Nature Jan. 18. 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan. 2	\bigcap 3	410	
methylation triggered by double-stranded RNA. EMBO J. Oct 2 2000 5194-201 19 430 YANG, D., H. LU and J. W. ERICKSON. Evidence that processed small daRNAs may mediate sequence-specific mRNA degradation during RNAi in Drosophila embryos Curr Biol Oct 5 2000 11 1200 10 440 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, JR., C. MAU, A. MALLORY, G. PRUSS, I. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants. Science Oct 6 2000 142-144 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals. Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-80 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 400 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J. Feb. 2001 417	个大	ļ	
430 YANG, D., H. LU and J. W. ERICKSON. Evidence that processed small dsRMAs may mediate sequence-specific mRNA degradation during RNAi in Drosophila embryos Curr Biol Oct 5 2000 11 1200 10 440 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, J.R., C. MAU, A. MALLORY, G. PRUSS, L. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants. Science Oct 6 2000 142-144 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals. Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature. Nov. 2 2000 86-86 408 470 LLAYE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway. Proc Natl Acad Sci U S A Nov. 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms. Curr Opin Genet Dev Dec. 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan. 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference. Nature Jan. 18 2001 383-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators. Trends Genet Jan. 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Ni		420	
sequence-specific mRNA degradation during RNAi in Drosophila embryos Curr Biol Oct 5 2000 11 1200 10 440 ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, JR., C. MAU, A. MALLORY, G. PRUSS, I. BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants Science Oct 6 2000 142-144 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 88-84 408 470 LLAYE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 CCGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pola virus X vector Plant J Feb 2001 417-425 25 550 SHARP, P. A. RNA inter		430	
BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene silencing in plants Science Oct 6 2000 142-144 290 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-84 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREO. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 20			sequence-specific mRNA degradation during RNAi in Drosophila embryos Curr Biol Oct 5 2000 1191
silencing in plants Science Oct 6 2000 142-144 290 450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-85 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pola virus X vector Plant J. Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHAPP, P. A. RNA interference-2001 Genes Dev Mar 1 2001 485-490 15 571-		440	ANANDALAKSHMI, R., R. MARATHE, X. GE, J. M. HERR, JR., C. MAU, A. MALLORY, G. PRUSS, L.
450 FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-84 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of postiranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERINSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference-2001 Genes Dev Mar I 2001 485-490 15 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS			BOWMAN and V. B. VANCE. A calmodulin-related protein that suppresses posttranscriptional gene
are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RN/ interference in animals. Proc. Natl Acad Sci. U.S.A. Oct. 10. 2000. 11650-11654. 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA. Nature. Nov. 2. 2000. 86-85. 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway. Proc. Natl. Acad. Sci. U.S.A. Nov. 21. 2000. 13401-13406. 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms. Curr. Opin Genet Dev. Dec. 2000. 638-643. 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL RNA interference is mediated by 21- and 22-nucleotide RNAs. Genes. Dev. Jan. 15. 2001. 188-200. 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference. Nature. Jan. 18. 2001. 363-366. 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators. Trends Genet. Jan. 2001. 29-35. 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector. Plant. J. Feb. 2001. 417-425. 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression. Antisense Nucleic Acid Drug Dev. Feb. 2001. 51-57. 11 560 SHARP, P.A. RNA interference—2001. Genes Dev. Mar. 1. 2001. 485-490. 15 571-583. 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silenci			silencing in plants Science Oct 6 2000 142-144 290
interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97 460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-86 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference-2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. RNA-based silencing strategies in plants. Curr Opin Genet Dev Apr 2001 221-227 11 560 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS an		450	FAGARD, M., S. BOUTET, J. B. MOREL, C. BELLINI and H. VAUCHERET. AGO1, QDE-2, and RDE-1
460 PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. Q. MARTINDALE, M. I. KURODA, B. MALLER, D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINIVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-89 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 383-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference-2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and	1		are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RNA
D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-86 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference-2001 Genes Dev Mar 1 2001 485-490 15 571 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants. Curr Opin Genet			interference in animals Proc Natl Acad Sci U S A Oct 10 2000 11650-11654 97
D. C. HAYWARD, E. E. BALL, B. DEGNAN, P. MULLER, J. SPRING, A. SRINVASAN, M. FISHMAN, FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-86 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference-2001 Genes Dev Mar 1 2001 485-490 15 571 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants. Curr Opin Genet		460	PASQUINELLI, A. E., B. J. REINHART, F. SLACK, M. O. MARTINDALE, M. I. KURODA B. MALLER
FINNERTY, J. CORBO, M. LEVINE, P. LEAHY, E. DAVIDSON and G. RUVKUN. Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-85 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U.S. A. Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms. Curr Opin Genet Dev. Dec. 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev. Jan. 15. 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference. Nature. Jan. 18. 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators. Trends Genet. Jan. 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector. Plant. J. Feb. 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression. Antisense Nucleic Acid Drug Dev. Feb. 2001 51-57 11 560 SHARP, P. A. RNA interference-2001 Genes Dev. Mar. 1. 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar. 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants. Curr. Opin Genet. Dev. Apr. 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRI		,,,,,	
sequence and temporal expression of let-7 heterochronic regulatory RNA Nature Nov 2 2000 86-89 408 470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference-2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11			
470 LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of posttranscriptional gene silencing targets a maintenance step in the silencing pathway. Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms. Curr Opin Genet Dev. Dec. 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs. Genes Dev. Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference. Nature. Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators. Trends Genet. Jan. 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector. Plant J. Feb. 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression. Antisense Nucleic Acid Drug Dev. Feb. 2001 51-57. 11 560 SHARP, P. A. RNA interference2001 Genes Dev. Mar. 1. 2001 485-490. 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal. Plant Cell. Mar. 2001 571-583. 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants. Curr. Opin Genet. Dev. Apr. 2001 221-227. 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ. cells.			
posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ celling and the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of t			
posttranscriptional gene silencing targets a maintenance step in the silencing pathway Proc Natl Acad Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ celling and the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of t		470	LLAVE, C., K. D. KASSCHAU and J. C. CARRINGTON. Virus-encoded suppressor of
Sci U S A Nov 21 2000 13401-13406 9 480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			
480 COGONI, C. and G. MACINO. Post-transcriptional gene silencing across kingdoms Curr Opin Genet Dev Dec 2000 638-643 10 500 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 520 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			
Dev Dec 2000 638-643 10 ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 510 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 540 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells		480	
nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11			
nucleotide RNAs Genes Dev Jan 15 2001 188-200 15 BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11		500	ELBASHIR, S. M., W. LENDECKEL and T. TUSCHL. RNA interference is mediated by 21- and 22-
ribonuclease in the initiation step of RNA interference Nature Jan 18 2001 363-366 409 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 S60 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			
 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells 		510	BERNSTEIN, E., A. A. CAUDY, S. M. HAMMOND and G. J. HANNON. Role for a bidentate
 VAUCHERET, H. and M. FAGARD. Transcriptional gene silencing in plants: targets, inducers and regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells 			
regulators Trends Genet Jan 2001 29-35 17 THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells		520	
THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a pota virus X vector Plant J Feb 2001 417-425 25 550 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			regulators Trends Genet Jan 2001 29-35 17
virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells		540	THOMAS, C. L., L. JONES, D. C. BAULCOMBE and A. J. MAULE. Size constraints for targeting post-
virus X vector Plant J Feb 2001 417-425 25 GALYAM, N., D. GRISARU, M. GRIFMAN, N. MELAMED-BOOK, F. ECKSTEIN, S. SEIDMAN, A. ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a potato
ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			virus X vector Plant J Feb 2001 417-425 25
expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells		550	
expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11 560 SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15 570 MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			ELDOR and H. SOREQ. Complex host cell responses to antisense suppression of ACHE gene
MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H. VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			expression Antisense Nucleic Acid Drug Dev Feb 2001 51-57 11
VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells		560	SHARP, P. A. RNA interference2001 Genes Dev Mar 1 2001 485-490 15
VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencin eliminates the small RNAs but not transgene methylation or the mobile signal Plant Cell Mar 2001 571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells		570	MALLORY, A. C., L. ELY, T. H. SMITH, R. MARATHE, R. ANANDALAKSHMI, M. FAGARD, H.
571-583 13 590 MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants. Curr Opin Genet Dev. Apr. 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells.	- 1		VAUCHERET, G. PRUSS, L. BOWMAN and V. B. VANCE. HC-Pro suppression of transgene silencing
MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in plants. Curr Opin Genet Dev. Apr. 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells.			
plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			571-583 13
plants Curr Opin Genet Dev Apr 2001 221-227 11 600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells		590	MATZKE, M. A., A. J. MATZKE, G. J. PRUSS and V. B. VANCE. RNA-based silencing strategies in
600 SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells			plants Curr Opin Genet Dev Apr 2001 221-227 11
	$\sqrt{}$	600	SCHISA, J. A., J. N. PITT and J. R. PRIESS. Analysis of RNA associated with P granules in germ cells
of C. elegans adults Development Apr 2001 1287-1298 128			of C. elegans adults Development Apr 2001 1287-1298 128

10/604,926

Filing Date First Inventor August 27, 2003 Itzhak Bentwich

Art Unit

1631

Examiner Docket Number DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

		information disclosure Statement
		NON PATENT LITERATURE DOCUMENTS
Examin	1	·
Initials		Authors, Title, Journal, Date, Year, Pages, Volume
	610	DI SERIO, F., H. SCHOB, A. IGLESIAS, C. TARINA, E. BOULDOIRES and F. MEINS, JR. Sense- and
Λ.		antisense-mediated gene silencing in tobacco is inhibited by the same viral suppressors and is
1 7 1		associated with accumulation of small RNAs Proc Natl Acad Sci U S A May 22 2001 6506-6510 98
1 7	620	ELBASHIR, S. M., J. HARBORTH, W. LENDECKEL, A. YALCIN, K. WEBER and T. TUSCHL.
		Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells Nature May
 _		24 2001 494-498 411
1 1	630	PICCIN, A., A. SALAMEH, C. BENNA, F. SANDRELLI, G. MAZZOTTA, M. ZORDAN, E. ROSATO, C.
		P. KYRIACOU and R. COSTA. Efficient and heritable functional knock-out of an adult phenotype in
		Drosophila using a GAL4-driven hairpin RNA incorporating a heterologous spacer Nucleic Acids Res
		Jun 15 2001 E55-55 29
	640	VANCE, V. and H. VAUCHERET. RNA silencing in plantsdefense and counterdefense Science Jun
		22 2001 2277-2280 292
T	650	ARGAMAN, L., R. HERSHBERG, J. VOGEL, G. BEJERANO, E. G. WAGNER, H. MARGALIT and S.
		ALTUVIA. Novel small RNA-encoding genes in the intergenic regions of Escherichia coli Curr Biol Jun
		26 2001 941-950 11
	660	GRISHOK, A., A. E. PASQUINELLI, D. CONTE, N. LI, S. PARRISH, I. HA, D. L. BAILLIE, A. FIRE, G.
.		RUVKUN and C. C. MELLO. Genes and mechanisms related to RNA interference regulate expression
		of the small temporal RNAs that control C. elegans developmental timing Cell Jul 13 2001 23-34
		106
	670	HUTVAGNER, G., J. MCLACHLAN, A. E. PASQUINELLI, E. BALINT, T. TUSCHL and P. D. ZAMORE.
		A cellular function for the RNA-interference enzyme Dicer in the maturation of the let-7 small temporal
		RNA Science Aug 3 2001 834-838 293
	680	HAMMOND, S. M., S. BOETTCHER, A. A. CAUDY, R. KOBAYASHI and G. J. HANNON. Argonaute2,
		a link between genetic and biochemical analyses of RNAi Science Aug 10 2001 1146-1150 293
	700	VAUCHERET, H., C. BECLIN and M. FAGARD. Post-transcriptional gene silencing in plants J Cell Sci
		Sep 2001 3083-3091 114
	710	WESLEY, S. V., C. A. HELLIWELL, N. A. SMITH, M. B. WANG, D. T. ROUSE, Q. LIU, P. S.
		GOODING, S. P. SINGH, D. ABBOTT, P. A. STOUTJESDIJK, S. P. ROBINSON, A. P. GLEAVE, A. G.
		GREEN and P. M. WATERHOUSE. Construct design for efficient, effective and high-throughput gene
		silencing in plants Plant J Sep 2001 581-590 27
	720	MATTICK, J. S. and M. J. GAGEN. The evolution of controlled multitasked gene networks: the role of
		introns and other noncoding RNAs in the development of complex organisms Mol Biol Evol Sep 2001
		1611-1630 18
	730	CARTER, R. J., I. DUBCHAK and S. R. HOLBROOK. A computational approach to identify genes for
		functional RNAs in genomic sequences Nucleic Acids Res Oct 1 2001 3928-3938 29
	740	MOSS, E. G. RNA interference: it's a small RNA world Curr Biol Oct 2 2001 R772-775 11
. \	750	KETTING, R. F., S. E. FISCHER, E. BERNSTEIN, T. SIJEN, G. J. HANNON and R. H. PLASTERK.
	Ì	Dicer functions in RNA interference and in synthesis of small RNA involved in developmental timing in
	_	C. elegans Genes Dev Oct 15 2001 2654-2659 15
	760	RUVKUN, G. Molecular biology. Glimpses of a tiny RNA world Science Oct 26 2001 797-799 294
	- 	
	770	LEE, R. C. and V. AMBROS. An extensive class of small RNAs in Caenorhabditis elegans. Science
		Oct 26 2001 862-864 294
V	/ 780	LAU, N. C., L. P. LIM, E. G. WEINSTEIN and D. P. BARTEL. An abundant class of tiny RNAs with
		probable regulatory roles in Caenorhabditis elegans Science Oct 26 2001 858-862 294
С.	raminer Signa	ture: Date Considered: (0 /) = / 0 6

Examiner Signature: _

Date Considered: / O / 15 / O 6

Filing Date

10/604,926 August 27, 2003 Itzhak Bentwich

First Inventor Art Unit

1631

Examiner Docket Number DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

		Information disclosure Statement
		NON PATENT LITERATURE DOCUMENTS
Examiner		
Initials	Cite No#	Authors, Title, Journal, Date, Year, Pages, Volume
\bigcap	790	LAGOS-QUINTANA, M., R. RAUHUT, W. LENDECKEL and T. TUSCHL. Identification of novel genes
		coding for small expressed RNAs Science Oct 26 2001 853-858 294
U_1U_1	820	ITAYA, A., A. FOLIMONOV, Y. MATSUDA, R. S. NELSON and B. DING. Potato spindle tuber viroid as
		inducer of RNA silencing in infected tomato Mol Plant Microbe Interact Nov 2001 1332-1334 14
	830	MATTICK, J. S. Non-coding RNAs: the architects of eukaryotic complexity EMBO Rep Nov 2001
		986-991 2
	840	ELBASHIR, S. M., J. MARTINEZ, A. PATKANIOWSKA, W. LENDECKEL and T. TUSCHL. Functional
		anatomy of siRNAs for mediating efficient RNAi in Drosophila melanogaster embryo lysate Embo J Dec
		3 2001 6877-6888 20
	850	AMBROS, V. microRNAs: tiny regulators with great potential Cell Dec 28 2001 823-826 107
İ	860	BLASZCZYK, J., J. E. TROPEA, M. BUBUNENKO, K. M. ROUTZAHN, D. S. WAUGH, D. L. COURT
		and X. Jl. Crystallographic and modeling studies of RNase III suggest a mechanism for double-
		stranded RNA cleavage Structure Dec 2001 1225-1236 9
	870	CRETE, P., S. LEUENBERGER, V. A. IGLESIAS, V. SUAREZ, H. SCHOB, H. HOLTORF, S. VAN
		EEDEN and F. MEINS. Graft transmission of induced and spontaneous post-transcriptional silencing of
		chitinase genes Plant J Dec 2001 493-501 28
	880	SMALLRIDGE, R. A small fortune Nat Rev Mol Cell Biol Dec 2001 867 2
	890	EDDY, S. R. Non-coding RNA genes and the modern RNA world Nat Rev Genet Dec 2001 919-929
	200	
	900	LU, C. M. miRNA bead detection Genaco Biomedical Products PHS 398 2001 1
	910	MATZKE, M., A. J. MATZKE and J. M. KOOTER. RNA: guiding gene silencing 2001 1080 293
	000	ODOCOLIANO II - 15 1 OLACK MI DNA III I III I III I III I III I III I III I
	920	GROSSHANS, H. and F. J. SLACK. Micro-RNAs: small is plentiful J Cell Biol Jan 7 2002 17-21 156
	930	MECHODED E O EDD D CAZIT I DAVI OVOKY D KAHEED A EDIEDMAN D OLIOK N DEN
	930	MESHORER, E., C. ERB, R. GAZIT, L. PAVLOVSKY, D. KAUFER, A. FRIEDMAN, D. GLICK, N. BEN-
		ARIE and H. SOREQ. Alternative splicing and neuritic mRNA translocation under long-term neuronal hypersensitivity Science Jan 18 2002 508-512 295
	940	PADDISON, P. J., A. A. CAUDY and G. J. HANNON. Stable suppression of gene expression by RNAi
	340	in mammalian cells Proc Natl Acad Sci U S A Feb 5 2002 1443-1448 99
	950	MOSS, E. G. MicroRNAs: hidden in the genome Curr Biol Feb 19 2002 R138-140 12
	960	BANERJEE, D. and F. SLACK. Control of developmental timing by small temporal RNAs: a paradigm
\	500	for RNA-mediated regulation of gene expression Bioessays Feb 2002 119-129 24
1	970	ELBASHIR, S. M., J. HARBORTH, K. WEBER and T. TUSCHL. Analysis of gene function in somatic
	010	mammalian cells using small interfering RNAs Methods Feb 2002 199-213 26
1	980	HAN, Y. and D. GRIERSON. Relationship between small antisense RNAs and aberrant RNAs
\		associated with sense transgene mediated gene silencing in tomato Plant J Feb 2002 509-519 29
\		2002 309-319 29
	990	NICHOLSON, R. H. and A. W. NICHOLSON. Molecular characterization of a mouse cDNA encoding
1 1		Dicer, a ribonuclease III ortholog involved in RNA interference Mamm Genome Feb 2002 67-73 13
· \		2002 0/-/3 13
1	1000	PUERTA-FERNANDEZ, E., A. BARROSO-DELJESUS and A. BERZAL-HERRANZ. Anchoring hairpin
- 11		ribozymes to long target RNAs by loop-loop RNA interactions. Antisense Nucleic Acid Drug Dev. Feb.
/ /		2002 1-9 12
	1010	GIORDANO, E., R. RENDINA, I. PELUSO and M. FURIA. RNAi triggered by symmetrically transcribed
V		transgenes in Drosophila melanogaster Genetics Feb 2002 637-648 160
L		- Colonia in Presenta in Principal Colonia Col

Examiner Signature:

Date Considered: 10/15-/06

Filing Date

10/604,926 August 27, 2003 Itzhak Bentwich

First Inventor Art Unit

Examiner Docket Number DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

		Information Disclosure Statement
		NON PATENT LITERATURE DOCUMENTS
Examiner		•
Initials	Cite No#	Authors, Title, Journal, Date, Year, Pages, Volume
	1020	MARTENS, H., J. NOVOTNY, J. OBERSTRASS, T. L. STECK, P. POSTLETHWAIT and W. NELLEN.
$ \langle 1 \rangle $		RNAi in Dictyostelium: the role of RNA-directed RNA polymerases and double-stranded RNase Mol Biol
	_	Cell Feb 2002 445-453 13
$ \cup_i \cup$	1030	MOURELATOS, Z., J. DOSTIE, S. PAUSHKIN, A. SHARMA, B. CHARROUX, L. ABEL, J.
1 1		RAPPSILBER, M. MANN and G. DREYFUSS. miRNPs: a novel class of ribonucleoproteins containing
		numerous microRNAs Genes Dev Mar 15 2002 720-728 16
1	1040	SEGGERSON, K., L. TANG and E. G. MOSS. Two genetic circuits repress the Caenorhabditis elegans
		heterochronic gene lin-28 after translation initiation Dev Biol Mar 15 2002 215-225 243
	1050	MOREL, J. B., C. GODON, P. MOURRAIN, C. BECLIN, S. BOUTET, F. FEUERBACH, F. PROUX and
	1000	H. VAUCHERET. Fertile hypomorphic ARGONAUTE (ago1) mutants impaired in post-transcriptional
		gene silencing and virus resistance Plant Cell Mar 2002 629-639 14
	1060	CATALANOTTO, C., G. AZZALIN, G. MACINO and C. COGONI. Involvement of small RNAs and role
		of the gde genes in the gene silencing pathway in Neurospora Genes Dev Apr 1 2002 790-795 16
	,	er mie dan Beries in mie Beries energenië barring in vromenbere and in the visit and in the second second in the second s
	1070	BOUTLA, A., K. KALANTIDIS, N. TAVERNARAKIS, M. TSAGRIS and M. TABLER. Induction of RNA
		interference in Caenorhabditis elegans by RNAs derived from plants exhibiting post-transcriptional gene
		silencing Nucleic Acids Res Apr 1 2002 1688-1694 30
	1080	PASQUINELLI, A. E. and G. RUVKUN. Control of developmental timing by micrornas and their targets
		Annu Rev Cell Dev Biol Epub 2002 Apr 2. 2002 495-513 18
	1090	PADDISON, P. J., A. A. CAUDY, E. BERNSTEIN, G. J. HANNON and D. S. CONKLIN. Short hairpin
		RNAs (shRNAs) induce sequence-specific silencing in mammalian cells Genes Dev Apr 15 2002
		948-958 16
	1100	BECLIN, C., S. BOUTET, P. WATERHOUSE and H. VAUCHERET. A branched pathway for transgene-
		induced RNA silencing in plants Curr Biol Apr 16 2002 684-688 12
	1110	EDDY, S. R. Computational genomics of noncoding RNA genes Cell Apr 19 2002 137-140 109
	1120	LAGOS-QUINTANA, M., R. RAUHUT, A. YALCIN, J. MEYER, W. LENDECKEL and T. TUSCHL.
	1120	Identification of tissue-specific microRNAs from mouse Curr Biol Apr 30 2002 735-739 12
	1130	KENT, W. J. BLATthe BLAST-like alignment tool Genome Res Apr 2002 656-664 12
	1140	HUTVAGNER, G. and P. D. ZAMORE. RNAi: nature abhors a double-strand Curr Opin Genet Dev
		Apr 2002 225-232 12
	1150	NILSSON, M., J. BANER, M. MENDEL-HARTVIG, F. DAHL, D. O. ANTSON, M. GULLBERG and U.
		LANDEGREN. Making ends meet in genetic analysis using padlock probes Hum Mutat Apr 2002
		410-415 19
	1160	PASQUINELLI, A. E. MicroRNAs: deviants no longer Trends Genet Apr 2002 171-173 18
	1170	LAI, E. C. Micro RNAs are complementary to 3' UTR sequence motifs that mediate negative post-
		transcriptional regulation Nat Genet Apr 2002 363-364 30
	1180	SCHWARZ, D. S. and P. D. ZAMORE. Why do miRNAs live in the miRNP? Genes Dev May 1 2002
		1025-1031 16
	1190	BRANTL, S. Antisense-RNA regulation and RNA interference Biochim Biophys Acta May 3 2002 15
	1000	25 1575
	1200	LI, H., W. X. LI and S. W. DING. Induction and suppression of RNA silencing by an animal virus
 	1010	Science May 17 2002 1319-1321 296
	1210	ZAMORE, P. D. Ancient pathways programmed by small RNAs Science May 17 2002 1265-1269
		296

Filing Date

10/604,926 August 27, 2003 Itzhak Bentwich

First Inventor Art Unit

1631

Examiner

Docket Number

DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

		inioniation disclosure Statement
		NON PATENT LITERATURE DOCUMENTS
Examiner		
Initials	Cite No#	Authors, Title, Journal, Date, Year, Pages, Volume
	1220	CHEN, S., E. A. LESNIK, T. A. HALL, R. SAMPATH, R. H. GRIFFEY, D. J. ECKER and L. B. BLYN. A
I () ~	1	bioinformatics based approach to discover small RNA genes in the Escherichia coli genome
レメム	<u> </u>	Biosystems Mar-May 2002 157-177 65
$\left(\right)_{2}$	1230	LEE, N. S., T. DOHJIMA, G. BAUER, H. LI, M. J. LI, A. EHSANI, P. SALVATERRA and J. ROSSI.
		Expression of small interfering RNAs targeted against HIV-1 rev transcripts in human cells Nat
1 1		Biotechnol May 2002 500-505 20
	1240	DRAGHICI, S. Statistical intelligence: effective analysis of high-density microarray data Drug Discov
	·	Today Jun 1 2002 S55-63 7
	1250	SILHAVY, D., A. MOLNAR, A. LUCIOLI, G. SZITTYA, C. HORNYIK, M. TAVAZZA and J. BURGYAN. A
		viral protein suppresses RNA silencing and binds silencing-generated, 21- to 25-nucleotide double-
l '		stranded RNAs Embo J Jun 17 2002 3070-3080 21
	1260	AYASH-RASHKOVSKY, M., Z. WEISMAN, J. DIVELEY, R. B. MOSS, Z. BENTWICH and G. BORKOW.
		Generation of Th1 immune responses to inactivated, gp120-depleted HIV-1 in mice with a dominant Th2
		biased immune profile via immunostimulatory [correction of imunostimulatory] oligonucleotides
] [relevance to AIDS vaccines in developing countries. Vaccine. Jun 21 2002 2684-2692, 20
:		
	1270	TABARA, H., E. YIGIT, H. SIOMI and C. C. MELLO. The dsRNA binding protein RDE-4 interacts with
		RDE-1, DCR-1, and a DExH-box helicase to direct RNAi in C. elegans Cell Jun 28 2002 861-871
1 1		109
	1280	BETTENCOURT, R., O. TERENIUS and I. FAYE. Hemolin gene silencing by ds-RNA injected into
		Cecropia pupae is lethal to next generation embryos Insect Mol Biol Jun 2002 267-271 11
	1290	HOOPER, N. M. and A. J. TURNER. The search for alpha-secretase and its potential as a therapeutic
		approach to Alzheimer s disease Curr Med Chem Jun 2002 1107-1119 9
	1300	LIU, Q., S. SINGH and A. GREEN. High-oleic and high-stearic cottonseed oils: nutritionally improved
	•	cooking oils developed using gene silencing J Am Coll Nutr Jun 2002 205S-211S 21
1		
	1310	ZENG, Y., E. J. WAGNER and B. R. CULLEN. Both natural and designed micro RNAs can inhibit the
1 1		expression of cognate mRNAs when expressed in human cells Mol Cell Jun 2002 1327-1333 9
li		
	1320	MCMANUS, M. T., C. P. PETERSEN, B. B. HAINES, J. CHEN and P. A. SHARP. Gene silencing using
		micro-RNA designed hairpins Rna Jun 2002 842-850 8
	1330	REINHART, B. J., E. G. WEINSTEIN, M. W. RHOADES, B. BARTEL and D. P. BARTEL. MicroRNAs in
	L	plants Genes Dev Jul 1 2002 1616-1626 16
	1340	MCCAFFREY, A. P., L. MEUSE, T. T. PHAM, D. S. CONKLIN, G. J. HANNON and M. A. KAY. RNA
		interference in adult mice Nature Jul 4 2002 38-39 418
	1350	HANNON, G. J. RNA interference Nature Jul 11 2002 244-251 418
	1360	DENNIS, C. The brave new world of RNA Nature Jul 11 2002 122-124 418
	1370	JACQUE, J. M., K. TRIQUES and M. STEVENSON. Modulation of HIV-1 replication by RNA
}		interference Nature Jul 25 2002 435-438 418
	1380	CULLEN, B. R. RNA interference: antiviral defense and genetic tool Nat Immunol Jul 2002 597-599
		3
	1390	MA, C. and A. MITRA. Intrinsic direct repeats generate consistent post-transcriptional gene silencing in
		tobacco Plant J Jul 2002 37-49 31
	1400	NOVINA, C. D., M. F. MURRAY, D. M. DYKXHOORN, P. J. BERESFORD, J. RIESS, S. K. LEE, R. G.
		COLLMAN, J. LIEBERMAN, P. SHANKAR and P. A. SHARP. siRNA-directed inhibition of HIV-1
		infection Nat Med Jul 2002 681-686 8

Examiner Signature:

Date Considered: 10/25/06

Filing Date

10/604,926

First Inventor

August 27, 2003 Itzhak Bentwich

Art Unit

1631

Examiner
Docket Number

DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

NON PATENT LITERATURE DOCUMENTS			Information Disclosure Statement
Examiner Initials Cite Not Authors, Title, Journal, Date, Year, Pages, Volume 1410 POMERANTZ, R. J. RNA interference meets HiV-1: will silence be golden? Nat Med Jul 2002 659-660 8 2ENG, Y. and B. R. CULLEN. RNA interference in human cells is restricted to the cytoplasm Rna Jul 2002 855-860 8 XIANG, C. C., O. A. KOZHICH, M. CHEN, J. M. INMAN, Q. N. PHAN, Y. CHEN and M. J. BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays. Nat Biotechnol Jul 2002 738-742 20 LLAVE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants Plant Cell Jul 2002 1605-1619 14 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets Cell Jul 202 3002 1605-1619 14 RHORDES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets Cell Jul 202 3002 1605-1619 14 RHORDES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets Cell Jul 223 2002 153-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 LIU, G., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1731 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol Aug 2002 1732-1731 129 1490 SUZUMA, S., S. ASRAIR, E BUNAL K YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLLO, C. BRUNEL and G. CATHALA. Tumover of primary t			INON PATENT LITERATURE DOCUMENTS
Initials Cite Noth Authors, Title, Journal, Date, Year, Pages, Volume PÖMERANTZ, R. J. RNA interference meets HIV-1: will silence be golden? Nat Med Jul 2002 659-660 8 ZENG, Y. and B. R. CULLEN. RNA interference in human cells is restricted to the cytoplasm Rna Jul 2002 855-860 8 XIANG, C. C., O. A. KOZHICH, M. CHEN, J. M. INMAN, Q. N. PHAN, Y. CHEN and M. J. BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays Nat Blotechnol Jul 2002 738-742 20 1440 LAVE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants. Plant Cell Jul 2002 1605-1619 14 RHOADES, M. W., B. J. REINHART, L. P. LM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets Cell Aug 23 2002 513-520 110 HIPPINER, D. H., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 LIU, Q., S. P., SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1772-1743 129 1480 STOUTJESDUK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S. S. ASARI, K. BUNAIK, X. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subbilis genome Microbiology Aug 2002 291-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 2774-779 3 1510 MAHALIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug	Examiner		· · · · · · · · · · · · · · · · · · ·
1410 POMERANTZ, R. J. RNA interference meets HIV-1: will silence be golden? Nat Med Jul 2002 659-660 8 1420 ZENG, Y. and B. R. CULLEN. RNA interference in human cells is restricted to the cytoplasm Rna Jul 2002 855-860 8 1430 XIANG, C. C., C. A. KOZHICH, M. CHEN, J. M. INMAN, Q. N. PHAN, Y. CHEN and M. J. BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays. Nat Biotechnol Jul 2002 738-742 20 1440 LLAVE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants. Plant Cell. Jul. 2002 1605-1619 14 1450 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell. Aug 23 2002 513-520 110 1460 HIPPISER, D. R., K. WEIGMANN and S. M. COPIE. The bantam gene regulates Drosophila growth Genetics. Aug. 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH, and S. M. COPIE. The bantam gene regulates Drosophila growth Genetics. Aug. 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH, and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing. Plant Physiol. Aug. 2002 1732-1731 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. highsol. Aug. 2002 1732-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtiliis genome Microbiology. Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse Hi19 gene expression. EMBO Rop. Aug. 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPEILL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo J. Sep 2 2002 4674-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: st		Cite No#	Authors Title Journal Date Year Pages Volume
1420 ZENG, Y. and B. R. CULLEN, RNA interference in human cells is restricted to the cytoplasm Rna Jul 2002 855-860 8 XIANG, C. C., O. A. KOZHICH, M. CHEN, J. M. INMAN, Q. N. PHAN, Y. CHEN and M. J. BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays Nat Biotechnol Jul 2002 798-742 20 1440 LAVE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants Plant Cell Jul 2002 1605-1619 14 1450 RHOADES, M. W. B. J. REINHART, I. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell Jul 2002 1605-1619 14 1460 HIPFINER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug. 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-toleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug. 2002 1732-1743 129 1480 STOUTJESDUK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug. 2002 1732-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subbilis genome Microbiology Aug. 2002 291-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Ropa Aug. 2002 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing embo J Sep 2 2002 46671-4679 21 1500 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing embo J Sep 2 2002 4661-4679 21 1500 MARTHE, U. p. CRETE, S.	mittais		
1420 ZENG, Y. and B. R. CULLEN. RNA interference in human cells is restricted to the cytoplasm Rna Jul 2002 855-880 8 1430 XIANG, C. C., O. A. KOZHICH, M. CHEN, J. M. INMAN, Q. N. PHAN, Y. CHEN and M. J. BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays Nat Biotechnol Jul 2002 734-742 20 1440 LLAVE, C. K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants. Plant Cell Jul 2002 1605-1619 14 1450 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell. Aug 23 2002 513-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics. Aug. 2002 1527-1537 161 1470 LIU, G., S. P. SINGH, and J. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing. Plant Physiol Aug. 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol Aug. 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHIINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep. Aug. 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A. Sep. 3. 2002 1181-11986 99 1500 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight	02	1410	
2002 855-860 8 1430 XIANG, C. C., O. A. KOZHICH, M. CHEN, J. M. INMAN, Q. N. PHAN, Y. CHEN and M. J. BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays Nat Biotechnol Jul 2002 738-742 20 1440 LLAYE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants Plant Cell Jul 2002 1605-1619 14 1450 RHOADES, M. W. B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets Cell Aug 23 2002 513-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAIL, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 174-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in Induced September 1980 1980 1980 1980 1980 1980 1980 1980	17:7	1420	
1430 XIANG, C. C., O. A. KOZHICH, M. CHEN, J. M. INMAN, O. N. PHAN, Y. CHEN and M. J. BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays Nat Biotechnol Jul 2002 738-742 20 1440 LLAVE, C. K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants. Plant Cell Jul 2002 1605-1619 14 1450 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell. Aug 23 2002 151-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics. Aug 2002 152-1537 161 1470 LIU, C., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing. Plant Physiol. Aug. 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol Aug. 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology. Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep. Aug. 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J. Sep 2. 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo J. Sep 2. 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic	0 0	1 120	
BROWNSTEIN. Amine-modified random primers to label probes for DNA microarrays. Nat Biotechnol Jul 2002 738-742 20 1440 LLAVE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants. Plant Cell Jul 2002 1605-1619 14 1450 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell Aug 23 2002 513-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep. Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J. Sep 2 2002 4651-4679 21 1520 LEE, Y., K. JECN, J. T. EE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J. Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A. Sep 3 2002 11881-11986 99 1540 PARK,		1430	
Jul 2002 738-742 20 1440 LLAVE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing associated small RNAs in plants. Plant Cell Jul 2002 1605-1619 14 1450 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell Aug 23 2002 513-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing. Plant Physiol. Aug. 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. highNah-mediated largeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol. Aug. 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression. EMBO Rep. Aug. 2002. 774-779. 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo. J. Sep. 2. 2002. 4657-4679. 21 1520 LEE, Y. K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo. J. Sep. 2. 2002. 4687-4670. 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc. Natl Acad Sci U. S. A. Sep. 3. 2002. 11981-11986. 99 1540 PARK, W., J. L. J., B. SONG, J. MESSING and X. CHEN. CARPEL FACTOR			
1440 LLAYE, C., K. D. KASSCHAU, M. A. RECTOR and J. C. CARRINGTON. Endogenous and silencing-associated small RNAs in plants. Plant Cell Jul. 2002. 1605-1619. 14 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell. Aug. 23. 2002. 513-520. 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics. Aug. 2002. 1527-1537. 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing. Plant Physiol. Aug. 2002. 1732-1743. 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol. Aug. 2002. 1723-1731. 129 1490 SUZUMA, S., S. ASARI, K. BUNJAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology. Aug. 2002. 2591-2598. 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression. EMBO Rep. Aug. 2002. 774-779. 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo. J. Sep. 2. 2002. 4671-4679. 21 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo. J. Sep. 2. 2002. 4674-679. 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGERE, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants. Proc. Natl. Acad Sci. U. S. A. Sep. 3. 2002. 1181-111986. 99 1540 PARK, W., J. L. I., SONG, J. MESSING and X. CHEN. CARPEL FACTORY,			· · · · · · · · · · · · · · · · · · ·
associated small RNAs in plants. Plant Cell. Jul. 2002 1605-1619 14 1450 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets. Cell. Aug. 23 2002 513-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics. Aug. 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing. Plant Physiol. Aug. 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol. Aug. 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology. Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression. EMBO Rep. Aug. 2002 747-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo. J. Sep. 2. 2002 4671-4679 21 1520 LEE, Y., K. JECON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo. J. Sep. 2. 2002 4671-4679 21 1530 KAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. (GLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants. Proc Natl Acad Sci U. S. A. Sep. 3. 2002 11981-11986 99 1540 PARK, W., J. L., B. SONG, J. MESSING and AX. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol Sep 3. 2		1440	
1450 RHOADES, M. W., B. J. REINHART, L. P. LIM, C. B. BURGE, B. BARTEL and D. P. BARTEL. Prediction of plant microRNA targets Cell Aug 23 2002 513-520 110 1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 1470 LIU, O., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11881-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-posit	ļ		
1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4683-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11991-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H.		1450	
1460 HIPFNER, D. R., K. WEIGMANN and S. M. COHEN. The bantam gene regulates Drosophila growth Genetics Aug 2002 1527-1537 161 1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4683-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11991-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H.	İ		Prediction of plant microRNA targets Cell Aug 23 2002 513-520 110
1470 LIU, Q., S. P. SINGH and A. G. GREEN. High-stearic and High-oleic cottonseed oils produced by hairpin RNA-mediated post-transcriptional gene silencing. Plant Physiol. Aug. 2002; 1732-1743; 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol. Aug. 2002; 1723-1731; 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology. Aug. 2002; 2591-2598; 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression. EMBO Rep. Aug. 2002; 774-779; 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo J. Sep. 2. 2002; 4671-4679; 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo J. Sep. 2. 2002; 4663-4670; 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U. S. A. Sep. 3. 2002; 11981-11986; 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol. Sep. 3. 2002; 11881-1195. Janka, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene. Sep. 5. 2002; 6041-6048; 21 1550 JANG, M. and J. MILNER. Selective silencing of NNA interference. Oncogene. Sep. 5. 2002; 6041-6048; 21 1570 ALLSHIRE		1460	
hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1743 129 1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J. Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo J. Sep 2 2002 4683-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U. S. A. Sep 3. 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEM1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol Sep 3. 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene Sep 5. 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6. 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology, RNAi and heterochromatin—a hushed-up affair S			
1480 STOUTJESDIJK, P. A., S. P. SINGH, Q. LIU, C. J. HURLSTONE, P. A. WATERHOUSE and A. G. GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing. Plant Physiol. Aug. 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology. Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression. EMBO Rep. Aug. 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering. RNA in RNA silencing. Embo J. Sep. 2. 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo J. Sep. 2. 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants. Proc Natl Acad Sci U. S. A. Sep. 3. 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol. Sep. 3. 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene. Sep. 5. 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi. Cell. Sep. 6. 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair. Science. Sep. 13. 2002 1831 297 1580 REINHART, B. J. and D. P. BARTEL.		1470	
GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology. Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression. EMBO Rep. Aug. 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo J. Sep 2. 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subceillular localization. Embo J. Sep 2. 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U. S. A. Sep 3. 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol Sep 3. 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene. Sep 5. 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi. Cell. Sep 6. 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair. Science. Sep 13. 2002 1831 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats. Science. Sep 13. 2002 1831 297			hairpin RNA-mediated post-transcriptional gene silencing Plant Physiol Aug 2002 1732-1743 129
GREEN. hpRNA-mediated targeting of the Arabidopsis FAD2 gene gives highly efficient and stable silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology. Aug. 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression. EMBO Rep. Aug. 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo J. Sep 2. 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subceillular localization. Embo J. Sep 2. 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U. S. A. Sep 3. 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol Sep 3. 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene. Sep 5. 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi. Cell. Sep 6. 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair. Science. Sep 13. 2002 1831 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats. Science. Sep 13. 2002 1831 297			
silencing Plant Physiol Aug 2002 1723-1731 129 1490 SUZUMA, S., S. ASARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome. Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep. Aug. 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing. Embo J. Sep 2. 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization. Embo J. Sep 2. 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U.S. A. Sep 3. 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol. Sep 3. 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene. Sep 5. 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi. Cell. Sep 6. 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin-a hushed-up affair. Science. Sep 13. 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats. Science. Sep 13. 2002 1831 297		1480	
1490 SUZUMA, S., S. ÁSARI, K. BUNAI, K. YOSHINO, Y. ANDO, H. KAKESHITA, M. FUJITA, K. NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297			
NAKAMURA and K. YAMANE. Identification and characterization of novel small RNAs in the aspS-yrvM intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			
intergenic region of the Bacillus subtilis genome Microbiology Aug 2002 2591-2598 148 1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		1490	
1500 MILLIGAN, L., T. FORNE, E. ANTOINE, M. WEBER, B. HEMONNOT, L. DANDOLO, C. BRUNEL and G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			
G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			intergenic region of the Bacillus subtilis genome. Microbiology. Aug. 2002, 2591-2598, 148
G. CATHALA. Turnover of primary transcripts is a major step in the regulation of mouse H19 gene expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		4500	ANTI-LOAD L. T. CORNE E ANTONIE AL WERER R. LIEMONNOT L. RANDOLO O RRUNEL
expression EMBO Rep Aug 2002 774-779 3 1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		1500	
1510 HAMILTON, A., O. VOINNET, L. CHAPPELL and D. BAULCOMBE. Two classes of short interfering RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL: Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			
RNA in RNA silencing Embo J Sep 2 2002 4671-4679 21 1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002	 -	1510	
1520 LEE, Y., K. JEON, J. T. LEE, S. KIM and V. N. KIM. MicroRNA maturation: stepwise processing and subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002	l \	1510	• • • • • • • • • • • • • • • • • • • •
subcellular localization Embo J Sep 2 2002 4663-4670 21 1530 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002	 	1520	
 KLAHRE, U., P. CRETE, S. A. LEUENBERGER, V. A. IGLESIAS and F. MEINS, JR. High molecular weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair Science Sep 13 2002 1818-1819 297 T580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002 	l (1320	
weight RNAs and small interfering RNAs induce systemic posttranscriptional gene silencing in plants Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002	 	1530	
Proc Natl Acad Sci U S A Sep 3 2002 11981-11986 99 1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		1000	
1540 PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana. Curr Biol. Sep 3. 2002 1484-1495. 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene. Sep 5. 2002. 6041-6048. 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi. Cell. Sep 6. 2002. 563-574. 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatin—a hushed-up affair. Science. Sep 13. 2002. 1818-1819. 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats. Science. Sep 13. 2002. 1831. 297 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone. H3 lysine-9 methylation by RNAi. Science. Sep 13. 2002.			
HEN1, a novel protein, act in microRNA metabolism in Arabidopsis thaliana Curr Biol Sep 3 2002 1484-1495 12 1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL: Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		1540	PARK, W., J. LI, R. SONG, J. MESSING and X. CHEN. CARPEL FACTORY, a Dicer homolog, and
1550 JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			
JIANG, M. and J. MILNER. Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference. Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi. Cell. Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair. Science. Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats. Science. Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone. H3 lysine-9 methylation by RNAi. Science. Sep 13 2002			
carcinoma cells treated with siRNA, a primer of RNA interference Oncogene Sep 5 2002 6041-6048 21 1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		1550	
1560 MARTINEZ, J., A. PATKANIOWSKA, H. URLAUB, R. LUHRMANN and T. TUSCHL. Single-stranded antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			
antisense siRNAs guide target RNA cleavage in RNAi Cell Sep 6 2002 563-574 110 1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			
1570 ALLSHIRE, R. Molecular biology. RNAi and heterochromatina hushed-up affair Science Sep 13 2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		1560	• • • • • • • • • • • • • • • • • • • •
2002 1818-1819 297 1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			
1580 REINHART, B. J. and D. P. BARTEL. Small RNAs correspond to centromere heterochromatic repeats Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002	.	1570	
Science Sep 13 2002 1831 297 1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		ļ	2002 1818-1819 297
1590 VOLPE, T. A., C. KIDNER, I. M. HALL, G. TENG, S. I. GREWAL and R. A. MARTIENSSEN. Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002		1580	
of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi Science Sep 13 2002			Science Sep 13 2002 1831 297
		1590	
1 1833-183(297	$\mid \bigvee$		
	L	L	1833-1831 291

Examiner Signature: _

Date Considered: /0/25/00

No. 10/604,926

Filing Date First Inventor August 27, 2003 Itzhak Bentwich

Art Unit

1621

Examiner Docket Number DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

		INON DATENT LITERATURE DOCUMENTS
Examinei	.	NON PATENT LITERATURE DOCUMENTS
Initials	Cite No#	Authors, Title, Journal, Date, Year, Pages, Volume
	1600	BAULCOMBE, D. DNA events. An RNA microcosm Science Sep 20 2002 2002-2003 297
7.7	1610	LLAVE, C., Z. XIE, K. D. KASSCHAU and J. C. CARRINGTON. Cleavage of Scarecrow-like mRNA
	1010	targets directed by a class of Arabidopsis miRNA Science Sep 20 2002 2053-2056 297
	1620	MOCHIZUKI, K., N. A. FINE, T. FUJISAWA and M. A. GOROVSKY. Analysis of a piwi-related gene implicates small RNAs in genome rearrangement in tetrahymena. Cell. Sep 20 2002 689-699 110
	1630	HUTVAGNER, G. and P. D. ZAMORE. A microRNA in a multiple-turnover RNAi enzyme complex Science Sep 20 2002 2056-2060 297
	1640	COBURN, G. A. and B. R. CULLEN. Potent and specific inhibition of human immunodeficiency virus type 1 replication by RNA interference J Virol Sep 2002 9225-9231 76
	1650	CAUDY, A. A., M. MYERS, G. J. HANNON and S. M. HAMMOND. Fragile X-related protein and VIG associate with the RNA interference machinery. Genes Dev. Oct 1 2002 2491-2496 16
	1660	ISHIZUKA, A., M. C. SIOMI and H. SIOMI. A Drosophila fragile X protein interacts with components of RNAi and ribosomal proteins. Genes Dev. Oct 1 2002 2497-2508 16
	1670	VOINNET, O. RNA silencing: small RNAs as ubiquitous regulators of gene expression Curr Opin Pla Biol Oct 2002 444-451 5
	1680	GOLDEN, T. A., S. E. SCHAUER, J. D. LANG, S. PIEN, A. R. MUSHEGIAN, U. GROSSNIKLAUS, D W. MEINKE and A. RAY. SHORT INTEGUMENTS1/SUSPENSOR1/CARPEL FACTORY, a Dicer homolog, is a maternal effect gene required for embryo development in Arabidopsis Plant Physiol Oc 2002 808-822 130
	1690	MERKLE, I., M. J. VAN OOIJ, F. J. VAN KUPPEVELD, D. H. GLAUDEMANS, J. M. GALAMA, A. HENKE, R. ZELL and W. J. MELCHERS. Biological significance of a human enterovirus B-specific Rielement in the 3' nontranslated region J Virol Oct 2002 9900-9909 76
	1700	FROEYEN, M. and P. HERDEWIJN. RNA as a target for drug design, the example of Tat-TAR interaction Curr Top Med Chem Oct 2002 1123-1145 2
	1710	CARMELL, M. A., Z. XUAN, M. Q. ZHANG and G. J. HANNON. The Argonaute family: tentacles that reach into RNAi, developmental control, stem cell maintenance, and tumorigenesis. Genes Dev. Nov. 2002, 2733-2742, 16
	1720	PROVOST, P., D. DISHART, J. DOUCET, D. FRENDEWEY, B. SAMUELSSON and O. RADMARK. Ribonuclease activity and RNA binding of recombinant human Dicer Embo J Nov 1 2002 5864-58
	1730	ZHANG, H., F. A. KOLB, V. BRONDANI, E. BILLY and W. FILIPOWICZ. Human Dicer preferentially cleaves dsRNAs at their termini without a requirement for ATP Embo J Nov 1 2002 5875-5885 21
	1740	MALLORY, A. C., B. J. REINHART, D. BARTEL, V. B. VANCE and L. H. BOWMAN. A viral suppress of RNA silencing differentially regulates the accumulation of short interfering RNAs and micro-RNAs in tobacco. Proc Natl Acad Sci U.S.A. Nov 12 2002 15228-15233 99
	1750	GOTTESMAN, S. Stealth regulation: biological circuits with small RNA switches Genes Dev Nov 15 2002 2829-2842 16
	1760	CALIN, G. A., C. D. DUMITRU, M. SHIMIZU, R. BICHI, S. ZUPO, E. NOCH, H. ALDLER, S. RATTAN M. KEATING, K. RAI, L. RASSENTI, T. KIPPS, M. NEGRINI, F. BULLRICH and C. M. CROCE. Frequent deletions and down-regulation of micro- RNA genes miR15 and miR16 at 13q14 in chronic lymphocytic leukemia Proc Natl Acad Sci U S A Nov 26 2002 15524-15529 99
T	1770	GAUDILLIERE, B., Y. SHI and A. BONNI. RNA interference reveals a requirement for myocyte enhancer factor 2A in activity-dependent neuronal survival J Biol Chem Nov 29 2002 46442-46446

Examiner Signature:

Date Considered: 10/25/06

Filing Date

10/604,926 August 27, 2003 Itzhak Bentwich

First Inventor Art Unit

1631

Examiner Docket Number DEJONG, ERIC S 050992.0200.CPUS07

Information Disclosure Statement

·		Information Disclosure otatement
		NON PATENT LITERATURE DOCUMENTS
Examiner		·
Initials	Cite No#	Authors, Title, Journal, Date, Year, Pages, Volume
020	1780	JONES, L. Revealing micro-RNAs in plants Trends Plant Sci Nov 2002 473-475 7
0	1790	SCHAUER, S. E., S. E. JACOBSEN, D. W. MEINKE and A. RAY. DICER-LIKE1: blind men and
		elephants in Arabidopsis development Trends Plant Sci Nov 2002 487-491 7
1	1800	OKAZAKI, Y., M. FURUNO, T. KASUKAWA, J. ADACHI, H. BONO, S. KONDO, et al. Analysis of the
1		mouse transcriptome based on functional annotation of 60,770 full-length cDNAs Nature Dec 5 2002
		563-573 420
	1810	DENNIS, C. Small RNAs: the genome's guiding hand? Nature Dec 19-26 2002 732 420
- 1	1820	UCHIDA, N., S. HOSHINO, H. IMATAKA, N. SONENBERG and T. KATADA. A novel role of the
ł		mammalian GSPT/eRF3 associating with poly(A)-binding protein in Cap/Poly(A)-dependent translation
		J Biol Chem Dec 27 2002 50286-50292 277
	1830	HUTTENHOFER, A., J. BROSIUS and J. P. BACHELLERIE. RNomics: identification and function of
	 	small, non-messenger RNAs Curr Opin Chem Biol Dec 2002 835-843 6
1	1840	WOOD, N. T. Unravelling the molecular basis of viral suppression of PTGS Trends Plant Sci 2002
		384 7
- 1	1850	COHEN, O., C. ERB, D. GINZBERG, Y. POLLAK, S. SEIDMAN, S. SHOHAM, R. YIRMIYA and H.
- 1		SOREQ. Neuronal overexpression of "readthrough" acetylcholinesterase is associated with antisense-
1.	,	suppressible behavioral impairments Mol Psychiatry ***No date in pubmed*** 2002 874-885 7
	1000	AN OTOLINA O O VOINNET M. E. METTE M. MATZIZE H. VALIGHEDET O W. DING O DDING
	1860	MLOTSHWA, S., O. VOINNET, M. F. METTE, M. MATZKE, H. VAUCHERET, S. W. DING, G. PRUSS
Ì	·	and V. B. VANCE. RNA silencing and the mobile silencing signal Plant Cell ***No date in pubmed***
	1870	2002 S289-301 14 Suppl TANG, G., B. J. REINHART, D. P. BARTEL and P. D. ZAMORE. A biochemical framework for RNA
- 1	10/0	silencing in plants Genes Dev Jan 1 2003 49-63 17
	1880	KAWASAKI, H. and K. TAIRA. Short hairpin type of dsRNAs that are controlled by tRNA(Val) promoter
İ	1000	significantly induce RNAi-mediated gene silencing in the cytoplasm of human cells Nucleic Acids Res
		Jan 15 2003 700-707 31
	1930	SHI, Y. Mammalian RNAi for the masses Trends Genet Jan 2003 9-12 19
	1940	CERUTTI, H. RNA interference: traveling in the cell and gaining functions? Trends Genet Jan 2003
	1370	39-46 19
	1950	ZENG, Y. and B. R. CULLEN. Sequence requirements for micro RNA processing and function in
	1	human cells Rna Jan 2003 112-123 9
	2940	STEIN, T. D. and J. A. JOHNSON. Genetic programming by the proteolytic fragments of the amyloid
		precursor protein: somewhere between confusion and clarity Rev Neurosci ***no date in pubmed***
		2003 317-341 14
17.	2950	SZYMANSKI, M., M. Z. BARCISZEWSKA, M. ZYWICKI and J. BARCISZEWSKI. Noncoding RNA
\mathcal{V}		transcripts J Appl Genet ***NO DATEIN PUBMED*** 2003 1-19 44
	<u> </u>	

Examiner Signature:

Date Considered: /0/25-06